

PFP Project Managers Meeting  
Federal Building/Room 248  
Richland, Washington

0059686

May 8, 2003  
3:30 p.m. - 4:30 p.m.  
**Meeting Minutes Transmittal**

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The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting.

for: R. K. Wright  
A. K. Wright, PFP Project Manager, DOE-RL

Date: 6/12/03

Fredrick A. Bond  
F. W. Bond, Project Manager,  
Washington State Department of Ecology

Date: 6/12/03

PFP, FH Concurrence:

A. M. Hopkins  
A. M. Hopkins, Contractor Representative, FH

Date: 6/12/03

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Purpose: Project Managers Meeting

- Attachment 1: Agenda, Action Item List and Summary of Discussions  
Attachment 2: Presentation Materials  
Attachment 3: Attendee List

**RECEIVED**  
JUN 19 2003  
**EDMC**

PFP Project Managers Meeting  
Federal Building/Room 248  
Richland, Washington

May 8, 2003  
3:30 p.m. – 4:30 p.m.

**Distribution:**

Jeff M. Ayres	Ecology	B5-18
D. Bartus	EPA	B5-18
F. W. Bond	Ecology	B5-18
B. L. Charboneau	RL	A6-33
D. A. Faulk	EPA	B5-01
K. A. Hadley	FH	T5-57
J. B. Hebdon	RL	A5-15
R. E. Heineman	FH	R3-61
A. M. Hopkins	FH	H5-24
J. T. Lilly	FFS	R3-56
E. M. Mattlin	RL	A5-15
B. B. Nelson-Maki	FH	T5-57
R. E. Piippo	FH	A4-25
L. D. Romine	RL	A6-33
C. S. Sutter	FH	T5-50
M. Talbot	FH	T5-47
D. S. Takasumi	FH	R3-56
A. K. Wright	RL	A6-33

ADMINISTRATIVE RECORD (two copies): A4-25  
Debbi Isom (two copies): H6-08

Please send comments on distribution list to Rob Piippo, A4-25 (373-3285).

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**Attachment 1: Agenda, Action Item List and Summary of Discussions**

1.0 Administrative Issues

- a. The April 10, 2003 Plutonium Finishing Plant (PFP) Meeting minutes were approved.
- b. Action Tracking List was reviewed by the participants. See Action Tracking List included at the end of these minutes for updates.

2.0 PFP Project Item Status – Provided by A. Wright

3.0 Milestone status

- M83-21 SUBMIT TO THE WASHINGTON STATE DEPARTMENT OF ECOLOGY A PFP RESIDUAL CHEMICAL HAZARDS ASSESSMENT AS A PRIMARY DOCUMENT DUE 12/31/02.

✓ **Status: Complete** – Attachment was provided.

- M83-30 SUBMIT TO ECOLOGY A CLOSURE PLAN AS A PRIMARY DOCUMENT FOR THE 241-Z WASTE TREATMENT FACILITY (TSD UNIT) AND GLOVEBOX HA-20MB DUE 7/31/03.

**Status:** A. Hopkins provided Attachment 2, Item 1 and led discussion of the status as noted in the handout. A. Wright stressed the need for Ecology's feedback on the draft performance standards that were provided to them on April 10. R. Bond asked what is to be done with Glovebox HA-20MB. Karl Hadley responded by describing the two paths identified in the closure plan. The first option is removal and disposal. The second option is to decontaminate the glovebox as necessary to achieve a "clean debris surface" performance standard. R. Bond stated that the disposition of the glovebox would require near term decisions since the closure plan is due in July.

- M83-20 SUBMIT FACILITY TRANSITION END POINT CRITERIA DOCUMENT AS A PRIMARY DOCUMENT TO ECOLOGY PURSUANT TO AGREEMENT ACTION PLAN SECTION 8.5.3 DUE 9/30/03.

✓ **Status:** Andrea Hopkins – Endpoint document is in review. DOE comments are being evaluated.

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- ✓ FH is incorporating RL comments and the document is ahead of schedule.
  
- **M83-12 –T01 SUBMIT PFP LEGACY PU HOLDUP REMOVAL PLAN TO ECOLOGY DUE 12/31/03.**
  - ✓ **Status:** Jim Lilly provided Attachment 2, Item 2 and led discussion of the status as noted in the handout.
  
- **M83-13 COMPLETE REPACKAGING OF PFP RESIDUES AND SHIPMENT TO CENTRAL WASTE COMPLEX DUE 4/30/04.**
  - ✓ **Status:** A. Hopkins provided Attachment 2, Item 3. C. Sutter presented pictures of the recent miscellaneous residues that been repackaged.
  
- **M83-31 DISCONTINUE WASTE DISCHARGES FROM 241-Z TANKS TO TANK FARMS VIA EXISTING LINES DUE 6/30/05.**
  - ✓ **Status:** A. Hopkins provided Attachment 2, Item 1 and led discussion of the status as noted in the handout.
  
- **M83-40 COMPLETE TRANSITION AND DISMANTLEMENT OF THE 232-Z BLDG INCINERATOR TO SLAB-ON-GRADE (PENDING ENVIRONMENTAL DETERMINATION) DUE 9/30/06.**
  - ✓ **Status:** Dennis Takasumi provided Attachment 2, Item 4 and led discussion of the status as noted in the handout. D. Takasumi highlighted the possible delays to the startup schedule as noted in 4.c of Attachment 2, Item 4. R. Bond asked, without the approved EE/CA, what would the impact be to tearing down buildings. FH had previously planned to transmit the EE/CA to RL on 3/31/03 with a 65 day period for RL and Regulator approval. It was noted that there is some float in this schedule but it is desired to obtain an approved EE/CA by the end of the fiscal year to coincide with the initiation of the DQO, SAP and RAWP. D. Takasumi also stressed the importance of the approval of the Notice of Construction needed for deactivation work.

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- **M83-14 COMPLETE 100% OF THE LEGACY PU HOLDUP REMOVAL AS DEFINED IN THE LEGACY PU HOLDUP REMOVAL PLAN FOR PFP REQUIRED BY MX-83-12-T01 DUE 9/30/06.**
  - ✓ **Status:** Jim Lilly provided Attachment 2, Item 2 and led discussion of the status as noted in the handout.
  - ✓ A. Hopkins requested that legacy Pu holdup be allowed to be characterized/repackaged in a manner and utilizing locations similar to residues; and pipe overpack containers, wasteboxes or drums could be stored in locations currently used at PFP for residues. Rick Bond was in agreement, and agreed that deactivation and decommissioning waste supporting PFP TPA milestones could be packaged/stored in the approved locations.
- 4. New Topics.
- 5. Next Meeting – The next meeting was set for June 12, 2003 at 3:30pm to 4:30pm, in Federal Building Room 248.

**ACTION TRACKING LIST**

Action	Assignee	Date Established/ Due Date	Status
Contact the Nez Perce regarding interest in providing input to the End Point Criteria document.	R. Bond	September 18, 2002/ September 30, 2003	This item on hold until End Point Criteria document is available.
Status scope of chemical mitigation activities	A. Hopkins/J. Lilly	February 19, 2003	J. Lilly provided Attachment 2, Item 5 for status. Progress to be reported quarterly (e.g. August, November etc.)
IPMP update	B. Heineman	Due August, 2003	Review by Independent panel of the revised baseline is complete, should be to the DOE by

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			mid June. Document still on track for August
Schedule/conduct tour of PFP to D. Bartus and R. Bond for late April.	A. Hopkins	February 19, 2003	A. Hopkins pointed out that N. Ceto and L. Cusack would be participating. May 21 looked like a good date for EPA personnel but, may not work for Ecology. A. Hopkins to pursue possible dates and times.
Ecology to provide feedback on closure performance standards for 241-Z	R. Bond/ O. Wang		R. Bond to check on this item. A. Wright provided copy of standards.
Set up meeting to discuss underground structures (action from April 23 milestone review meeting)	A. Wright		

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**Attachment 2: Presentation Materials**

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**Attachment 3: Attendee List**

**ATTENDEES:**

R. Bond, Ecology  
K. Hadley, FH  
R. Heineman, FH  
A. Hopkins, FH  
J. Lilly, FFS  
E. Mattlin, RL  
R. Morrison, FH  
M. Stevenson, FH  
C. Sutter, FH  
D. Takasumi, FH  
A. Wright, RL



PFP May 8, 2003 PMM  
Status of M83-30 & M83-31  
Jerry Johnston  
FH PM for 241-Z Transition

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**M83-30**

**Scope**

Submit to Ecology a closure plan as a primary document for the 241-Z Waste Treatment Facility (TSD Unit) and Glovebox HA-20MB – Due 7/31/03

**Status for 241-Z:**

- Receipt of informal DOE comments anticipated early next week. If warranted, a comment resolution meeting will be held and then a redline-strikeout version distributed to all reviewers.
- Anticipate sending informal copy to Ecology mid-May.
- Document preparation is proceeding and is on track to meet the due date.

**Status for HA-20MB:**

- FH internal review completed and comments incorporated.
- DOE review is in process.
- Document preparation process is on track to meet due date.

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**M83-31**

**Scope**

Discontinue waste discharges from 241-Z Tanks to Tank Farms via existing lines - Due 6/30/05

**Status**

- The revised 241-Z NOC (Rev. 1) and request for approval of an alternative stack monitoring system was transmitted to RL on 5/5/03 for forwarding to WDOH for approval. Need approval by July 15, 2003 to support planning and preparation activities for the start of terminal clean out work in October.
- Detailed work planning, material procurement, new-hire training and clearance approvals are continuing to support start of work in October.

PFP May 8, 2003 PMM  
Jim Lilly  
Legacy Holdup

M83-12-T01

Scope

Submit PFP Legacy Pu Holdup Removal Plan to Ecology – Due 12/31/03

Status of PFP Legacy Pu Holdup Removal Plan:

- Removal plan in draft review cycle at FH and RL and incorporation of comments ongoing.
  - Plan addresses clean out of the SNM necessary in 234-5Z, 236-Z and 2736-ZB building gloveboxes, ducts, transfer lines, PRF Canyon Floor, process vacuum system and other process equipment to reduce the protected area.
  - Determines that the holdup removal quantity and location will be based upon existing SAS NDA values supplemented with current data when available.
  - Plan will address the work methods for removal of the targeted holdup material and provide a tentative work and schedule sequence.
  - Plan will recommend reconfiguration of the existing MBA boundaries to conform to Decommissioning objectives and facilitate removal activities.
  - Plan will address removal activities through disposition via packaging as TRU waste or residues for CWC, and/or stabilization and packaging 3013 containers as a precursor to Protected Area Elimination.

Document preparation processes currently on track for an early submittal.

M83-14

Scope

Complete 100% of the legacy Pu holdup removal as defined in the legacy Pu holdup plan for PFP required by M-83-12-T01 - Due 9/30/06

Status

- Legacy holdup removal field crews completed the final cleanout activities of glovebox HC-7C in 234-5Z. NDA was issued the end of March.
  - Removal activities have generated over fourteen –55 gallon containers of debris which has been forwarded to CWC.
  - Walk down with PTH – Safeguards and Security is planned for next week.
- Legacy field crews staging for 236-Z building MT glovebox holdup removal
  - Installation of new gloves is complete and activities relative to room (zone) isolation from rest of plant ready for testing pending outcome of second bullet, below.
  - Glovebox holdup removal activities will commence after resolving current E-4 HEPA filter bank flow restrictions. Replacement filters on site and installation progressing and tracking on-schedule for a May completion.
- Legacy field crews staged for legacy removal activities in 234-5Z building GB on HC-9B.
  - Installation of new gloves complete and staging for removal of exterior equipment.
  - Glovebox intrusive removal activities will commence in late May
- Documentation for 234-5Z building glovebox HA-7A holdup removal initiated for a late June start of Field work.

PFP Residues Stabilization Project

May 8, 2003

Production Status

Residues Oxide/MOX

Repackaging was completed April 1, 2003.  
30 items remain to be measured by calorimeter.  
143 POCs of oxide/MOX shipped to CWC.

1500kg Oxide/MOX

Repackaging initiated on April 2, 2003.  
Repackaged 94 of the 403 items.  
Repackaging to process suspended to repackage DNFSB milestone items.  
Will resume after completion of repackaging of the Group 2 alloys.

Remaining Residues

Initiated repackaging on April 30, 2003.  
Approximately 20 of the 34 items repackaged.  
Expect completion May 14, 2003.

Reduction Residues

14 items primarily laboratory items  
Scheduled to be processed after remaining residues.

Group 2 Alloys

Feed shift approximately May 20, 2003.  
Awaiting DOE approval of request to terminate safeguards

900kg Oxide/MOX

Actions for feed shift identified but not initiated.  
Scheduled for mid July.  
Upgrading an additional building at CWC for storage of POCs.

DOES NOT CONTAIN CLASSIFIED OR  
UNCLASSIFIED CONTROLLED  
NUCLEAR INFORMATION

Reviewing  
Official / ADC:

Larry B. Hale

Date:

5/12/03

### NDA Equipment

Total of seven calorimeters.

Third calorimeter qualified for safeguards and WIPP measurements on May 7.

Qualification measurements underway on remaining four calorimeters.

### Other Activities

1. 4 POCs of Hanford ash were returned to CWC on April 18, 2003.
2. Qualification measurements of the ash standards was completed April 4, 2003. The qualification paper on the standards will be out for review May 16, 2003. Approval of the paper will address the issue on the measurement of 57 billet cans of Rocky Flats ash.
3. The Hanford recertification audit by the Carlsbad Field Office and EPA is scheduled for June 16-20, 2003 and will include the new PFP calorimeter program.
4. Work initiated to develop the WIPP solid sampling program at PFP. This will allow sampling of the ash and oxide cans held back for sampling. Goal is to have program in place for June audit.
5. Head gas sampling of the Rocky Flats ash, Hanford ash and SS&C waste streams complete. First shipment of SS&C scheduled for the week of May 19, 2003.



**M83-40 COMPLETE TRANSITION AND DISMANTLEMENT OF THE 232-Z BLDG  
INCINERATOR TO SLAB-ON-GRADE (PENDING ENVIRONMENTAL DETERMINATION)  
DUE 9/30/06**

1. Project is currently on schedule to complete transition and dismantlement of 232-Z on or before 9/30/06.
2. Project is currently in the planning & preparatory work phase. Environmental documentation is undergoing review &/or being prepared for submittal to DOE.
3. Environmental & Safety Documentation
  - a. Categorical Exclusion for activities except demolition approved by DOE 11/12/02
  - b. Documented Safety Analysis (DSA) for all project work approved by DOE 12/24/02
  - c. Criteria Air Emissions New Source Review (NSR) approved by Ecology 12/18/02
  - d. Radioactive Air Emissions Notice of Construction (NOC) transmitted to Ecology, EPA & WDOH 11/7/02. WDOH & EPA approval requested 12/17/02.
    - (1) 11/07/02 initial NOC to WDOH, 12/17-18/02 WDOH mtg, 12/17/02 WDOH comments provided
    - (2) 1/27/03 revised NOC to WDOH, 1/29/03 WDOH meeting, 2/7/03 WDOH comments provided
    - (3) 2/27/03 revised NOC to WDOH, 3/11/03 WDOH meeting, 3/17/03 WDOH requests written responses to list of comment
    - (4) 3/23/03 written responses to WDOH, 3/28/03 WDOH comments on responses
    - (5) 4/6/03 revised written responses to WDOH, 4/18/03 revised NOC to DOE, planned transmittal to WDOH 5/8/03. Approval is requested 5/22/03.
  - e. Engineering Analysis/Cost Evaluation (EE/CA) initiated 10/15/02. EE/CA has been revised with comments received to date. Transmittal to EPA/Ecology and issuance for public comment is on hold pending resolution of TRU issue.
4. Initial D&D activities was planned to start on or before 7/28/03 based upon original plan for a contractor approved Readiness Assessment.
  - a. Pre D&D work such as housekeeping and utility isolation have been initiated.
    - (1) maganahelics have been calibrated and replaced
    - (2) 48 of 60 gloves have been regloved
    - (3) 67% of electrical isolation work has been completed.
  - b. Work package preparation continuing for first D&D activity, glove box process equipment removal.
  - c. Start up checklist activities for first D&D activity being completed. Assessing impact to start up schedule due to increased level of review and approval.
  - d. Contracting in progress for decontamination contractor and consultant.

**Six Priority Items from Revised Chemical Hazards Assessment** - The following table identified the six items that need to be addressed per the Revised Chemical Hazards Assessment (RCHA).

Table 5-1. RCHA High Priority Items.

Identification Number	Detail	RCHA Score
1	Nitric acid pipelines from RMC chemical preparation to process areas	15
2	Oxalic acid line	15
24	Potassium permanganate line	10*
29	Nitric acid lines	15
30	Oxalic acid lines	15
321	Chemical Lines	7*

\*Indicates engineering judgment influenced high priority classification.

Taken from HNF-13971, Rev. 0, "Plutonium Finishing Plant Residual Chemical Hazards Assessment Report".

**ID Number 1 – Nitric acid pipelines from RMC chemical preparation to process areas, Room 263/234-5Z**

**Status:** Nitric acid lines in Room 263 are partially drained. Two areas remain to be worked. One is an overhead valve on the east end of room 263, position columns D 7-3/4. The other area consists of the lines directly associated with this valve and extending to the west of the valve. Both areas are roped off.

**Controls:** Rooms 262, 263 and 264 are on routine surveillance. Chemical lines, which have surface chemical contamination, have been identified and these areas have been barricaded by Industrial Hygiene. Barricades will remain in place until hazards have been mitigated; i.e. lines drained, flushed, and surfaces are clean and free of residual chemical. Nitric acid lines in room 263 are within the barricaded areas.

**ID Number 2 – Oxalic acid line and valves, Room 263/234-5Z**

**Status:** Oxalic acid lines in Room 263 appear to have residual chemical in them, as there is a buildup of crystalline oxalic acid on the exterior of several valves and lines. Work is scheduled to be done on these lines in FY 2003.

**Controls:** Rooms 262, 263 and 264 are on routine surveillance. Chemical lines, which have surface chemical contamination, have been identified and these areas have been barricaded by Industrial Hygiene. Barricades will remain in place until hazards have been mitigated; i.e. lines drained, flushed, and surfaces are clean and free of residual chemical. Oxalic acid lines in room 263 are within the barricaded areas.

**ID Number 24– Potassium permanganate line, Room 263/234-5Z**

**Status:** Line may have residual chemical holdup. Work is planned for these lines in FY 2003.

**Controls:** Rooms 262, 263, and 264 are on routine surveillance. Chemical lines, which have surface chemical contamination, have been identified and these areas have been barricaded by Industrial Hygiene. Potassium permanganate lines in room 263 are within the barricaded areas.

**ID Number 29 - Nitric acid lines, Room 264/234-5Z**

**Status:** Lines within room 264 are drained per 2Z-98-01867 in late 1998. Some lines leading to the drop legs and the drop legs into first floor glove boxes below, located in A Line are not drained.

**Controls:** Rooms 262, 263 and 264 are on routine surveillance. Chemical lines, which have surface chemical contamination, have been identified and these areas have been barricaded by Industrial Hygiene. Barricades will remain in place until hazards have been mitigated; i.e. lines drained, flushed, and surfaces are clean and free of residual chemical. Some valves in room 264 with drop legs into glove boxes below are still barricaded. Nitric acid lines in room 264 are within the barricaded areas.

**ID Number 30 - Oxalic acid lines, Room 264**

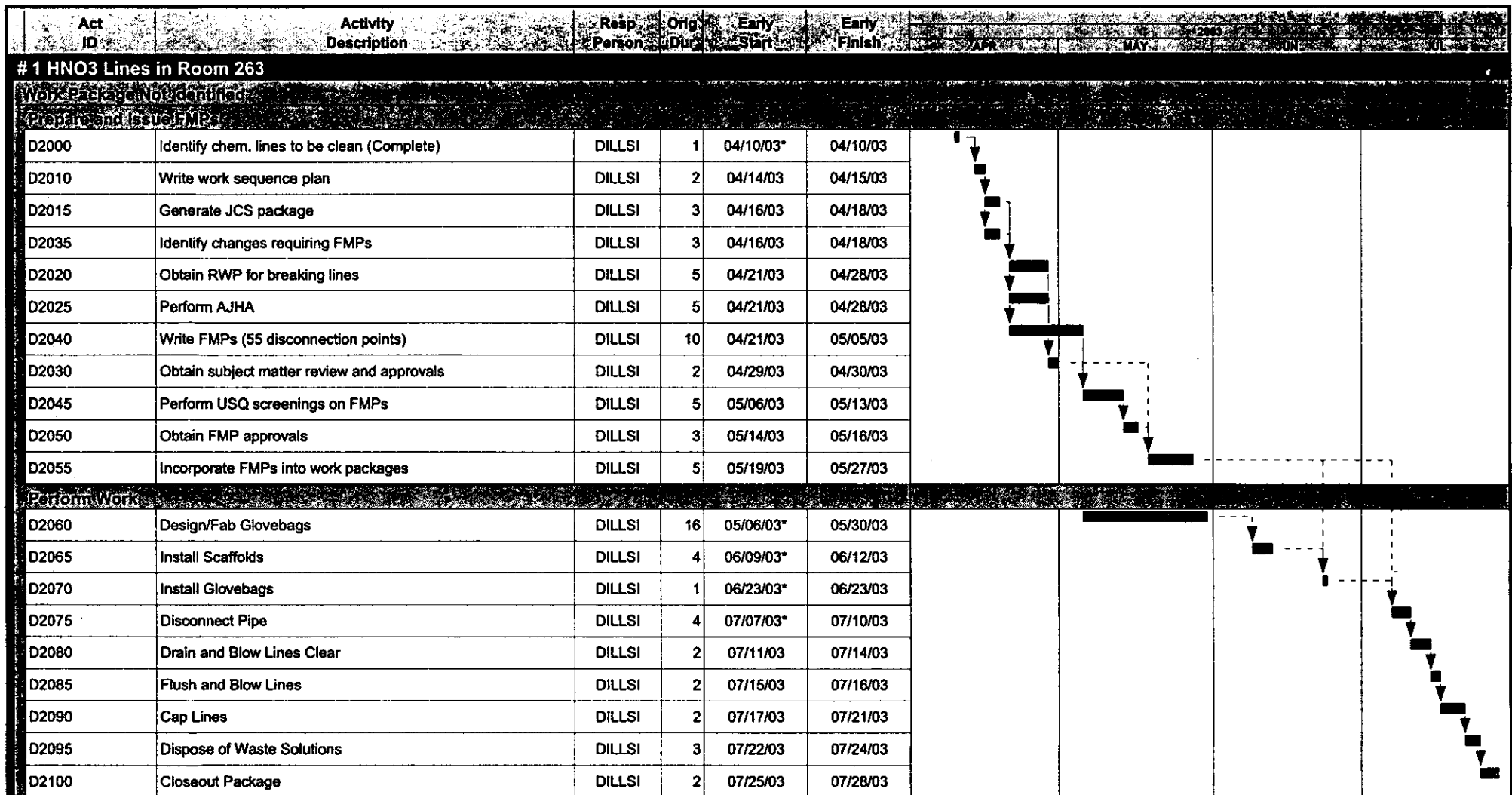
**Status:** Lines within room 264 are drained per 2Z-98-01867 in late 1998. Some lines leading to the drop legs and the drop legs into first floor glove boxes below, located in A Line are not drained.

**Controls:** Rooms 262, 263 and 264 are on routine surveillance. Chemical lines, which have surface chemical contamination, have been identified and these areas have been barricaded by Industrial Hygiene. Some valves in room 264 with drop legs into glove boxes below are still barricaded. The oxalic acid lines in room 264 are within the barricaded area.

**ID Number 321 - Chemical Lines from Room 40, 4th Floor through 3rd Floor to Canyon (Room 12)/236-Z**

**Status:** All lines, which originate in Room 40, 4th Floor and pass through to 3rd Floor, may contain chemical hold-up. The nitric acid line has evidence of past leaks and needs to be cleaned up and the chemical disposed of properly. Once the lines are drained and/or flushed, they can be left for removal during later D&D activities, as they will be in a safe, non-reactive configuration.

**Controls:** Nitric acid line valves have catch containers and/or leak absorption underneath them. Room is seldom occupied. Routine surveillances are done daily per ZO-100-400.



Start Date 10/01/02  
 Finish Date 11/10/03  
 Data Date 02/03/03  
 Run Date 05/08/03 12:13

**#1, NITRIC ACID LINES ROOM 263/234-5Z  
 PRELIMINARY SCHEDULE  
 AS OF 04/10/03**



Act ID	Activity Description	Resp Person	Orig Dur	Early Start	Early Finish	2003											
						MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT				
#2 & #30/#24 Permangate Oxalic Acid - 234-5Z																	
22-03-00-23 Work Package																	
Prepare and Issue FMPs																	
C2200	Identify changes requiring FMPs	HAM	3	04/02/03	04/04/03												
C2205	Write FMPs	HAM	5	04/07/03	04/14/03												
C2210	Perform USQ screenings on FMPs	HAM	3	04/15/03	04/17/03												
C2215	Obtain FMP approvals	HAM	2	04/18/03	04/21/03												
C2220	Incorporate FMPs into work packages	HAM	1	04/22/03	04/22/03												
Perform Work Package																	
C2010	Identify Work & Generate WP Information	HAM	1	04/01/03*	04/01/03												
C2015	Field Walk Down	HAM	1	04/02/03	04/02/03												
C2035	Criticality Control	HAM	5	04/03/03	04/09/03												
C2020	AJHA	HAM	6	04/03/03	04/10/03												
C2030	Work Package Preparation	HAM	15	04/03/03	04/24/03												
C2025	RWS (Rad Work Screening H.M.L.)	HAM	5	04/04/03	04/10/03												
C2040	AMW (ALARA Mgt. Worksheet)	HAM	1	04/14/03	04/14/03												
C2045	RWP	HAM	5	04/15/03	04/21/03												
C2050	* ALARA Documentation (High or Medium)	HAM	5	04/15/03	04/21/03												
C2055	Facility Lock and Tag	HAM	5	04/18/03	04/24/03												
C2060	Assemble Work Package	HAM	1	04/28/03	04/28/03												
C2065	Final Approval and Release	HAM	5	04/29/03	05/05/03												
C2070	Schedule	HAM	5	05/06/03	05/13/03												
Perform Work																	
C3000	Identify chem. lines to be clean (Complete)		15	02/03/03	02/25/03												
C2075	Start Field Work	HAM	0		05/13/03												
C2080	Break permanganate/oxalic lines above glovebox	HAM	22	05/14/03	06/17/03												
C2085	Drain lines	HAM	22	05/14/03	06/17/03												
C2100	Disconnect electrical from flowmeter	HAM	5	06/18/03	06/25/03												
C2105	Deactivate and remove flowmeter	HAM	5	06/26/03	07/02/03												
C2090	Disconnect lines and remove	HAM	44	07/07/03	09/11/03												
C2095	Dispose waste	HAM	10	09/15/03	09/29/03												
C2110	Closeout Project		1	09/30/03	09/30/03												

Start Date 10/01/02  
 Finish Date 11/10/03  
 Data Date 02/03/03  
 Run Date 05/08/03 12:07

**#2 & #30/#24 PERMANGATE  
 OXALIC ACID 234-5Z  
 PRELIMINARY SCHEDULE  
 AS OF 04/10/03**

Sheet 1 of 1  
 PDSS  
 Planning Document Schedule  
 LT-A1 #24 Permangate Schedule  
 FL-A1 #24 Permangate activities

Act ID	Activity Description	Resp Person	Orig Dur	Early Start	Early Finish	2003				
						APR	MAY	JUN	JUL	AUG
#29 Room 264 Nitric Acid Schedule										
Prepare and Issue FMPs										
E2200	Identify changes requiring FMPs	SWETT	3	04/30/03*	05/02/03					
E2205	Write FMPs	SWETT	5	05/05/03	05/12/03					
E2210	Perform USQ screenings on FMPs	SWETT	3	05/13/03	05/15/03					
E2215	Obtain FMP approvals	SWETT	2	05/16/03	05/19/03					
E2220	Incorporate FMPs into work packages	SWETT	1	05/20/03	05/20/03					
Prepare Work Packages										
E2010	Identify Work & Generate WP Information	SWETT	1	04/30/03*	04/30/03					
E2015	Field Walk Down	SWETT	1	05/01/03	05/01/03					
E2035	Criticality Control	SWETT	5	05/02/03	05/08/03					
E2020	AJHA	SWETT	6	05/02/03	05/12/03					
E2030	Work Package Preparation	SWETT	15	05/02/03	05/27/03					
E2025	RWS (Rad Work Screening H.M.L.)	SWETT	5	05/05/03	05/12/03					
E2040	AMW (ALARA Mgt. Worksheet)	SWETT	1	05/13/03	05/13/03					
E2045	RWP	SWETT	5	05/14/03	05/20/03					
E2050	* ALARA Documentation (High or Medium)	SWETT	5	05/14/03	05/20/03					
E2055	Facility Lock and Tag	SWETT	5	05/19/03	05/27/03					
E2060	Assemble Work Package	SWETT	1	05/28/03	05/28/03					
E2065	Final Approval and Release	SWETT	5	05/29/03	06/04/03					
E2070	Schedule	SWETT	1	06/05/03	06/05/03					
Remove Work										
E3000	Design/Fab Glovebags	SWETT	5	06/09/03	06/13/03					
E2075	Install Scaffolds	SWETT	5	06/16/03	06/23/03					
E2080	Install Glovebags	SWETT	5	06/24/03	06/30/03					
E2085	Disconnect Rm264 Nitric Acid Pipe	SWETT	5	07/01/03	07/09/03					
E2100	Dran and Blow Lines Clear	SWETT	5	07/10/03	07/16/03					
E2105	Flush and Blow Lines	SWETT	5	07/17/03	07/24/03					
E2090	Cap Lines	SWETT	5	07/25/03	07/31/03					
E2095	Dispose of Waste Solutions	SWETT	10	08/04/03	08/18/03					
E2110	Closeout Package	SWETT	1	08/19/03	08/19/03					

Start Date 10/01/02  
Finish Date 11/10/03  
Data Date 02/03/03  
Run Date 05/08/03 12:09

**#29 ROOM 264 NITRIC ACID SCHEDULE  
PRELIMINARY SCHEDULE  
AS OF 04/23/03**

Act ID	Activity Description	Resp Person	Orig Dur	Early Start	Early Finish	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
<b>#321 Chemical Lines 236-Z Nitric Acid</b>														
<b>Preparation and Approvals</b>														
B2035	Identify changes requiring FMPs	STEACH	3	04/18/03	04/22/03		▲							
B2040	Write FMPs (55 disconnection points)	STEACH	10	04/23/03	05/07/03		■							
B2045	Perform USQ screenings on FMPs	STEACH	5	05/08/03	05/15/03		▼							
B2050	Obtain FMP approvals	STEACH	3	05/16/03	05/20/03		■							
B2055	Incorporate FMPs into work packages	STEACH	5	05/21/03	05/29/03		▲							
<b>Preparation and Approvals</b>														
B2000	Identify chem. lines to be clean (Complete)	STEACH	1	04/10/03*	04/10/03		▼							
B2005	Identify method of opening MOV's on chemical lin	STEACH	2	04/14/03	04/15/03		■							
B2010	Write work sequence plan	STEACH	2	04/16/03	04/17/03		■							
B2015	Generate JCS package	STEACH	3	04/18/03	04/22/03		■							
B2020	Obtain RWP for breaking lines	STEACH	5	04/23/03	04/30/03		■							
B2025	Perform AJHA	STEACH	6	04/23/03	05/01/03		■							
B2030	Obtain subject matter review and approvals	STEACH	2	05/02/03	05/05/03		■							
<b>Preparation and Approvals</b>														
B2060	Stage supplies	STEACH	1	05/30/03	05/30/03					▲				
B2065	Install quick connect on source end of chem line	STEACH	3	06/02/03	06/04/03					■				
B2070	Construct & install glovebag	STEACH	19	06/05/03	07/07/03					■				
B2075	Disconnect pipe at glovebox	STEACH	19	07/08/03	08/05/03					■				
B2080	Drain and blow line clear	STEACH	20	08/06/03	09/05/03					■				
B2085	Flush and blow line	STEACH	10	09/08/03	09/22/03					■				
B2090	Cap line	STEACH	4	09/23/03	09/29/03					■				
B2095	Dispose of waste solutions	STEACH	10	09/30/03	10/14/03					■				
B2100	Identify lines	STEACH	5	10/15/03	10/21/03					■				
B2105	New Work Package	STEACH	3	10/22/03	10/27/03					■				
B2110	Cut/Disconnect	STEACH	8	10/28/03	11/06/03					■				
B2115	Dispose of all waste	STEACH	1	11/10/03	11/10/03					■				

Start Date 10/01/02  
Finish Date 11/10/03  
Data Date 02/03/03  
Run Date 05/08/03 12:11

**#321 CHEMICAL LINES  
PRELIMINARY SCHEDULE  
AS OF 04/08/03**

PFP Project Managers Meeting  
Federal Building/Room 248  
Richland, Washington

May 8, 2003  
3:30 p.m. – 4:30 p.m.

**Meeting Minutes Transmittal**

**Attachment 3: Attendee List**

**ATTENDEES:**

R. Bond, Ecology  
K. Hadley, FH  
R. Heineman, FH  
A. Hopkins, FH  
J. Lilly, FFS  
E. Mattlin, RL  
R. Morrison, FH  
M. Stevenson, FH  
C. Sutter, FH  
D. Takasumi, FH  
A. Wright, RL